

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

Claims 1-9 (cancelled)

Claim 10 (currently amended) - A thrombin composition free of fibrin clots, consisting essentially of:

Plasma;

Ethanol (EtOH), wherein EtOH is present at a concentration between 8% and 18% by volume; and

CaCl₂, wherein CaCl₂ is present at a concentration between 0.011 μ M and 0.045 μ M;

whereby the composition has been substantially depleted of the particulate matter sequestered by filtration.

Claim 11 (previously presented) - The composition of claim 10 wherein ethanol is present at 13.6% by volume and CaCl₂ is present at 0.023 μ M.

Claim 12 (withdrawn) – A method for preparing thrombin comprising:

obtaining plasma;

adding only ETOH and CaCl₂ to the plasma, forming a composition;

agitating the composition;

filtering the composition of particulate, thereby passing the thrombin through the filter.

Claim 13 (cancelled)

Claim 14 (cancelled)

Claim 15 (cancelled)

Claims 16-18 (cancelled)

Claim 19 (currently amended) - A thrombin composition free of fibrin clots, consisting essentially of:

plasma;

ethanol (EtOH), wherein ethanol is present at a concentration between 8% and 18% by volume; and

a source of calcium ions, wherein calcium ions are present at a concentration between 0.011 μ M and 0.045 μ M;

whereby the composition has been substantially depleted of the particulate matter sequestered by filtration.

Claim 20 (previously presented) - The composition of claim 10 wherein ethanol is present at 13.6% by volume.

Claim 21 (previously presented) - The composition of claim 10 wherein CaCl_2 is present at 0.023 μ M.

Claim 22 (currently amended) - The composition of claim 10 wherein thrombin isolated from the composition has a clotting time of ~~about~~ five seconds or less and is stable for more than 15 minutes.

Claim 23 (currently amended) - The composition of claim 10 wherein thrombin isolated from the composition has a clotting time of ~~about~~ five seconds or less and is stable for ~~about~~ 240 minutes or greater.

Claim 24 (currently amended) - The composition of claim 10 wherein thrombin isolated from the composition has a clotting time of ~~about~~ twenty to ~~about~~ thirty seconds and is stable for up to ~~about~~ 150 minutes.

Claim 25 (currently amended) - The composition of claim 10 wherein thrombin isolated from the composition has a clotting time of ~~about~~ three to ~~about~~ four seconds and is stable for up to ~~about~~ 360 minutes.

Claim 26 (previously presented) - The composition of claim 10 wherein said composition is prepared in a glass container.

Claim 27 (cancelled)

Claim 28 (previously presented) - The composition of claim 10 wherein thrombin isolated from the composition is diluted with saline to alter the clotting time.

Claim 29 (previously presented) - The composition of claim 19 wherein ethanol is present at 13.6% by volume and calcium ions are present at 0.023 μ M.

Claim 30 (cancelled)

Claim 31 (cancelled)

Claim 32 (previously presented) - The composition of claim 19 wherein ethanol is present at 13.6% by volume.

Claim 33 (previously presented) - The composition of claim 19 wherein calcium ions are present at 0.023 μ M.

Claim 34 (currently amended) - The composition of claim 19 wherein thrombin isolated from the composition has a clotting time of ~~about~~ five seconds or less and is stable for more than 15 minutes.

Claim 35 (currently amended) - The composition of claim 19 wherein thrombin isolated from the composition has a clotting time of ~~about~~ five seconds or less and is stable for ~~about~~ 240 minutes or greater.

Claim 36 (currently amended) - The composition of claim 19 wherein thrombin isolated from the composition has a clotting time of ~~about~~ twenty to ~~about~~ thirty seconds and is stable for up to ~~about~~ 150 minutes.

Claim 37 (currently amended) - The composition of claim 19 wherein thrombin isolated from the composition has a clotting time of ~~about~~ three to ~~about~~ four seconds and is stable for up to ~~about~~ 360 minutes.

Claim 38 (previously presented) - The composition of claim 19 wherein said composition is prepared in a glass container.

Claim 39 (cancelled)

Claim 40 (previously presented) - The composition of claim 10 wherein thrombin isolated from the composition is diluted with saline to alter the clotting time.